

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/051084

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>BEERENWINKEL NIKO ET AL: "Diversity and complexity of HIV-1 drug resistance: A bioinformatics approach to predicting phenotype from genotype"</p> <p>PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES, vol. 99, no. 12, 11 June 2002 (2002-06-11), pages 8271-8276, XP002259243</p> <p>June 11, 2002</p> <p>ISSN: 0027-8424</p> <p>the whole document</p> <p style="text-align: center;">----- -/-</p>	1-13, 15, 16

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

8 June 2005

Date of mailing of the international search report

28/06/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SCHMIDT B ET AL: "SIMPLE ALGORITHM DERIVED FROM A GENO-/PHENOTYPIC DATABASE TO PREDICT HIV-1 PROTEASE INHIBITOR RESISTANCE" AIDS, LONDON, GB, vol. 14, no. 12, August 2000 (2000-08), pages 1731-1738, XP008015669 ISSN: 0269-9370 the whole document</p>	1-13,15, 16
A	<p>SEVIN ANNE D ET AL: "Methods for investigation of the relationship between drug-susceptibility phenotype and human immunodeficiency virus type 1 genotype with applications to AIDS Clinical Trials Group 333" JOURNAL OF INFECTIOUS DISEASES, vol. 182, no. 1, July 2000 (2000-07), pages 59-67, XP009019956 ISSN: 0022-1899 the whole document</p>	1-13,15, 16
A	<p>MEISEL PETER ET AL: "Prediction of metabolic activity from genotype: The gene-dose effect of N-acetyltransferase" THERAPEUTIC DRUG MONITORING, vol. 23, no. 1, February 2001 (2001-02), pages 9-14, XP009019868 ISSN: 0163-4356 the whole document</p>	1-13,15, 16
A	<p>MEISEL P ET AL: "Relationship between human genotype and phenotype of N-acetyltransferase (NAT2) as estimated by discriminant analysis and multiple linear regression: 1. Genotype and N-acetylation in vivo" PHARMACOGENETICS, vol. 7, no. 3, 1997, pages 241-246, XP009019869 ISSN: 0960-314X the whole document</p>	1-13,15, 16
A	<p>SCHMIDT BARBARA ET AL: "Genotypic drug resistance interpretation systems: The cutting edge of antiretroviral therapy." AIDS REVIEWS, vol. 4, no. 3, 2002, pages 148-156, XP009019878 ISSN: 1139-6121 (ISSN print) the whole document</p>	1-13,15, 16

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/79540 A (VIRCO N.V; LARDER, BRENDAN; BLOOR, STUART; HERTOGS, KURT; DEHERTOGH, P) 25 October 2001 (2001-10-25) the whole document	1-13,15, 16
P,X	BEERENWINKEL NIKO ET AL: "Geno2pheno: Estimating phenotypic drug resistance from HIV-1 genotypes." NUCLEIC ACIDS RESEARCH. 1 JUL 2003, vol. 31, no. 13, 1 July 2003 (2003-07-01), pages 3850-3855, XP002330990 ISSN: 1362-4962 the whole document	1-13,15, 16

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/051084

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0179540	A	25-10-2001	
		AU 6022401 A	30-10-2001
		CA 2406140 A1	25-10-2001
		WO 0179540 A2	25-10-2001
		EP 1332231 A2	06-08-2003
		JP 2004500836 T	15-01-2004
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